

Title (en)  
AUTOMATIC SPEED-CHANGE CONTROL DEVICE

Title (de)  
AUTOMATISCHE DREHZAHLÄNDERUNGSSTEUERVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE AUTOMATIQUE

Publication  
**EP 1610037 A1 20051228 (EN)**

Application  
**EP 04723755 A 20040326**

Priority  
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Abstract (en)  
In an automatic transmission control system, an operating amount of a throttle due to a driver's depression of an accelerator pedal is detected, and the rotating number of an engine suitable for the detected throttle operating amount is detected. The automatic transmission control system includes a shift map defined by the throttle operating amount and the engine rotating number. The actuation of upshift or downshift of a transmission is automatically controlled based on the shift map. The driver can be informed of a point where a shift map is switched by a depression operation of the accelerator pedal so that generation of unnecessary downshift and delay of upshift are prevented to allow a vehicle to be efficiently driven.

IPC 1-7  
**F16H 61/02**

IPC 8 full level  
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CPC (source: EP US)  
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